

BART Agreement Number: 6M8142

Approval Date: 08/19/2020

Work Plan No. B.09-02 – Concord Willow Pass (CWS) Road High Voltage Substation 115/34.5 Kv Power Transformer Replacement Project

2.0 SCOPE

The detailed scope and tasks are as follows, but not limited to:

A. Design & Review Support

1. The SSWP for the work plan shall be performed by the project manager of CWS to hire the consultant. After when the project will be started, continue to the NTP stage (meeting), the RE shall arrange the meetings & the Trac Allocations. Then, the Contractor shall submit SSWP to the RE; and the RE will handle the activity in coordination with project engineer and project manager to prepare SSWP & Track Allocations when necessary. During the construction the main person to communicate with the Contractor is the RE. The In Trip Operational Procedures (IOP) shall be developed depending how the TP SS under CER shall be supplied; it shall be performed in cooperation with Maintenance. However, if the temporary transformer will be installed at PGE Willow Pass HVSS, and its 34.5kV side shall be connected to the BART 34.5kV arrangement at CWS (as expected), the IOP shall be replaced with just Turn Off, and visually clear CWS for the Contractor to start its work. BART Maintenance shall work with PG&E to de-energize CWS and perform all the necessary procedures (visual isolation and grounding) to hand over CWS to the Contractor. The schedule and the procedures to handover the CWS to the Contractor can be prepared the project engineer.
2. Review and approval of all Contractor's submittals including, but not limited to:
 - a. RFI
 - b. Project Plans: project schedule and its milestone to complete the project
 - c. Contract drawings
 - d. Technical Specification for equipment, materials and devices
 - e. Support drafting activities (CAD) as necessary
3. Review and approval of Operation and Maintenance Manuals for all equipment and devices:
 - a. Transformers & related parts
 - b. The New House including Protection, Control & Monitoring Devices, Measuring & Indicating Instruments including the SCADA System; HVAC and Fire Alarm System in the New House
 - c. FO Communication System: equipment & devices & materials

Prime: AECOM

| Subconsultant | Amount | DBE (Y/N) | SBE (Y/N) |
|----------------------|---------------|------------------|------------------|
| Auriga | \$ 361,620 | N | Y |

Total Work Plan Value: \$ 375,000